

, Mar 6, 1992 2:49 PM EST, From: LCARPENTER, To: MODIS.DATA.TEAM,

oj: MODIS SDST Minutes 02/28/92

MODIS Science Data Support Team (SDST) Meeting Minutes 02/28/92

TENDEES: Phil Ardanuy RDC 982-3714  
Lloyd Carpenter RDC 982-3708  
Al Fleig 900 286-7747  
Harold Geller MCST/RDC 982-3740  
Tom Goff RDC 982-3704  
Liam Gumley RDC 982-3748  
Janine Harrison 920 286-5324  
Ellen Herring 430 286-2228  
Ed Masuoka 920 286-7608  
Jim Ormsby 974 286-6811  
J.J. Pan RDC 982-3700  
Janice Smith 430 286-7032  
Si-Chee Tsay 913 286-9710  
Steve Ungar 923/MCST 286-4007  
Lalit Wanchoo STX 513-1682  
Will Webster 920.2 286-4506

XT MEETING: Date Time Building Room  
Friday, March 13 10:00 am 22 G95

!! There is no meeting on Friday, March 6, 1992. !!!

PICS:

UARS SCIENCE DATA PROCESSING SYSTEM: Ellen Herring made a presentation to the MODIS SDST on the UARS experience in science data processing. In the UARS case, the PIs were required to have their algorithms working in a VAX environment before they were ported to the CDHF, eliminating most of the porting difficulties. The PIs were involved in the integration of algorithms. The UARS experience emphasized the importance of having an early version of the software for sizing the system. Simulated data are important (before algorithms). Algorithm updates normally start within one week after launch. Handouts were provided of the UARS Ground System Functional Description, Software Assurance Recommendations Document, Ground Data Processing Description Document, and the Science Data Processing Center Implementation History.

MODIS-N SDST GLOSSARY: Jim Ormsby provided a MODIS-N SDST Glossary of Definitions for comments, suggested additions, and changes.

ALGORITHM RESPONSIBILITY: Al Fleig emphasized that the MODIS Science Team Members are responsible for the algorithm working correctly. The SDST will assist, and the SDST is responsible for changes made by the SDST.

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented a status report on MAS processing and software development. Liam also came up with a plan to accelerate MAS processing and reduce the demands on his time. The MAS Data Catalog and Data Storage distribution plans were not discussed due to lack of time.

MODIS CALIBRATION ALGORITHM: Harold Geller reported that John Barker can't provide a calibration algorithm until the necessary information is provided by SBRC (Due at the PDR in Oct 1992).

ACTION ITEMS:

30/91 [Lloyd Carpenter and Team]: Draft a schedule of work for the next 12 months. Include primary events and milestones, documents produced, software development, MAS support, etc. (Further modifications are to be made to the schedule.) STATUS: Open. Due date

27/91.

06/91 [Liam Gumley]: Investigate a cataloguing scheme for the MAS data. Consider the Master Catalogue, PLDS and PCDS. (Results investigation were included in the 02/14/92 handout. Review by the SDST was delayed.) STATUS: Open. Due date 02/14/92.

06/91 [Liam Gumley, Tom Goff, Ed Masuoka]: Develop a plan for storing and distributing MAS data. (The plan was included in the 02/14/92 handout. Review by the SDST was delayed.) STATUS: Open. Due date 02/14/92.

03/92 [Team]: Check on the set of software engineering tools available in Code 530 to see if any of these would be of use to the SDS discussions were held previously with Frank McGarry of Code 530. Contacts were made with Joy Henegar, Stephanie Nickens and Linckler of Code 563.2 in regards to use of their PR:QA. The file dump algorithm and the cloud algorithm were processed using PR:QA. There were many warning messages which are being studied.) STATUS: Open. Due date 02/14/92.

17/92 [Tom Goff]: Have a polished version (with peer review) of the file dump routine ready for the MODIS Science Team Meeting. STATUS: Open. Due date 04/01/92.

21/92 [Ed Masuoka]: Talk to Code 930 and find out what tools they have for porting data between computers from different vendors. STATUS: Open. Due date 03/13/92.

21/92 [Lloyd Carpenter and Team]: Identify a list of risks associated with porting Team Members' algorithms to the PGS. Prepare the discussion at the Science Team Meeting. STATUS: Open. Due date 04/01/92.

28/92 [Lloyd Carpenter]: Modify the SDST Schedule by adding a "Concept Development" activity and adjusting the start time of Team member algorithm development. STATUS: Open. Due date 03/13/92.

28/92 [Liam Gumley]: Develop a plan to accelerate MAS processing using less of Liam's time. STATUS: Open. Due date 03/20/92.